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62.61

SEED Catalogue

Flower Seeds, Perennials, Vegetables



Roman J. Irwin

38 West 27th Street
New York, N.Y.
Telephone
MUrrayHill 4-2444

FALL 1940
SPRING 1941



FLOWER SEEDS

KEY TO FRONT COVER

1. ESCHSCHOLTZIA	4. SWEET PEAS	7. DIANTHUS	10. ZINNIA	13. PETUNIA
2. NASTURTIUM	5. MARIGOLD	8. COSMOS	11. CANDYTUFT	14. VERBENA
3. LARKSPUR	6. CALENDULA	9. PHLOX DRUMMONDI	12. POLYGONUM	15. SALVIA

AGATHAEA

	Tr. Pkt.	Oz.
COELESTIS (amelloides) (Blue Daisy)	1/4 oz. 40c.	\$0.25

AGERATUM

	Tr. Pkt.	Oz.
BLUE PERFECTION. Dark blue bedder, 8 in.....	.15	.60
BLUE BALL. An improved perfection. 6 in.....	.15	.70
BLUE CAP	1/4 oz. 70c.	.35
LITTLE BLUE STAR.....	1/4 oz. 60c.	.25
PURPLE PERFECTION .....	.15	.80
LASSEAUXI. Fine Pink. 2 ft. good cut flowers.....	.20	...
LITTLE DORRIT BLUE. Dwarf. 6 in.....	.15	.80
LITTLE DORRIT WHITE. Best dwarf white. 6 in.....	.15	.80

ALYSSUM

	Tr. Pkt.	Oz.
BENTHAMI COMPACTUM ERECTUM. 9 in.....	.10	.40
COMPACTUM LUTESCENS. Straw Yellow. 8 in.....	.10	.40
LILAC QUEEN. Excellent seller. 6 in.....	.15	.80
LITTLE DORRIT. 3 in.....	.15	.60
LITTLE GEM. Extra fine strain. 4 in.....	.15	.60
PROCUMBENS. 2-3 in.....	.15	.60

ANTIRRHINUM (Snapdragon)

Greenhouse Forcing Varieties. Also fine for planting outside

SCHAFFROTH'S NEW PINK. Awarded Silver Medal by New York Florist Club, January 8, 1940. Color, soft rose pink; flowers early December—fine for Christmas and Mother's Day. Extra fine spike, free clean grower, wonderful keeper. Very rarely drops.

Tr. pkt., \$2.00; 3 pkts. for \$5.00.

SCHUMANN'S YELLOW OR LAVENDER. 2,000 seeds... \$2.50
The following: tr. pkt. \$2.00; 3 for \$5.00; 5 for \$7.50.

BEZDEK'S YELLOW WONDER

ST. LOUIS EARLY PINK

IVORY, White

WINDMILLER'S CHRISTMAS

LA FRANCE, soft rose pink

CHEER, early bright pink Cheviot Maid

MARIE LOUISE, shell pink

WINDMILLER'S LILAC

OLSON'S SNOW WHITE

WINDMILLER'S TALISMAN,

OLSON'S YELLOW, early

early bronze

ROCKWOOD'S LAVENDER ROSE

The following: tr. pkt. \$1.50; 3 for \$4.00.

ETHEL, yellow

MAIDEN'S BLUSH, pink over white

GILBERT PINK QUEEN, dark pink

ROLPH'S YELLOW

GLORIOUS BRONZE

SNOWWHITE, white

KLONDIKE SUPREME, deep yellow

THOMSON'S EARLY WHITE

The following: tr. pkt. \$1.00; 3 for \$2.50; 5 for \$3.50.

AFTERGLOW, bronze

ORCHID BEAUTY, orchid with bronze

BERTHA BAUR, lavender

RADIANCE, dark pink

CHEVIOT MAID SUPREME, rose pink

ROMAN GOLD

CHEVIOT MAID WHITE

ROSE ORANGE

CHEVIOT MAID YELLOW

ROSE QUEEN, dark pink

CEYLON COURT, dark yellow

SUNTAN, rose and bronze

CEYLON COURT, light yellow

SONNY, light pink

COATES GOLDEN YELLOW

SUNSET, bronze and copper

PERFECTION

TERRY'S SURPRISE IMPROVED, pink and bronze

CINCINNATI, light rose

VELVET BEAUTY, red

JUDD'S BRONZE

WESTOVER'S WHITE FRINGED

JUDD'S LIGHT PINK

WHITE PROSPERITY

JUDD'S DARK PINK

WHITE ROCK

LUCKY STRIKE, white

WHITE WONDER

MISS WOOSTER, dark bronze

WINTER HELEN, salmon pink

NEW DEAL, early, golden bronze

R. J. I. FORCING MIXTURE

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

ANTIRRHINUM—Continued

Thomson's Combination Package \$4.50

1/2 tr. pkt. Emily Thomson 1 tr. pkt. Radiance
1/2 tr. pkt. Thomson's White 1/2 tr. pkt. New Dawn
1/2 tr. pkt. Thomson's Early Yellow 1/2 tr. pkt. Rose Orange
1 tr. pkt. Maiden's Blush

This gives a grower a good assortment and a chance to try the new varieties for a comparatively small amount of money. All our seed is greenhouse-grown, tested and true to color. Sold only in introducer's own packets.

Rustproof—Outside Planting

DE LUXE SPECIAL MIXED

Well balanced blend, popular colors.

tr. pkt. .25; 1/4 oz. .65; oz. \$2.50

Separate Colors:

tr. pkt. .25; 1/8 oz. .40" 1/4 oz., .65

SPECIAL SNAP OFFER

7 PACKETS FOR \$5.00

Your choice of 14 varieties listed below.
Not more than one packet of each variety.

LUCKY STRIKE	SUN TAN
CHEVIOT MAID SUPREME	WHITE ROCK
TERRY'S SURPRISE	VELVET BEAUTY
COATES YELLOW PERFECTION	NEW DEAL
BERTHA BAUR	ROSE QUEEN
JUDD'S EARLY DARK PINK	AFTERCLOW
JUDD'S EARLY LIGHT PINK	LA FRANCE

ASPARAGUS

PLUMOSUS NANUS (American Grown). True flat leaf variety. We recommend this American-grown seed. Ripens six weeks earlier than Italian seed. 1 to 10 lbs., per lb., \$5.50; 11 to 25 lbs., \$5.00 lb. 26 to 50 lbs.....per lb. \$4.50 51 to 100 lbs.....\$4.00 SPRENGERI. 1 to 10 lbs., per lb. \$5.50; 11 to 25 lbs., \$5.00 lb. 26 to 50 lbs.....per lb. \$4.50 51 to 100 lbs.....\$4.00 There are about 10,000 seeds in 1 lb. of Plumbosus and 7,000 seeds in 1 lb. of Sprengeri.

ASTERS

EARLY GIANT LIGHT BLUE. Early flowering with resistant California Giant type. Clear, rich light blue. Good stems and partly non-lateral. Sept. 15 to 20. Tr. pkt., 35c; 1/4 oz., 75c.; 1 oz., \$2.50.

AMERICAN BEAUTY SILVERY ROSE. Light rose pink, color deepening some with age of flowers. True American Beauty, borne on long non-lateral stems. Sept. 15 to 20.

BALL DEEP ROSE. Bright shade of fairly deep rose, incurved and of medium size. Extra long, non-lateral stems and generally highly resistant. Aug. 25 to Sept. 5.

BALL DEEP PURPLE. A bright deep purple. Much brighter and longer stemmed than Royal Purple, also larger flowered. Aug. 25 to Sept. 5.

BALL WHITE LATE. Typical American Branching type and habit. Long stemmed, large and fully double petaled as the Ball Early that it follows. Best strain of late Branching White. Sept. 10 to 15.

BALL WHITE EARLY. A new reselected strain of this favorite early white. Flowers are fully double, but few showing centers even when fully open. Highly resistant and a clear white. Sept. 5 to 10.

BALL PHLOX PINK. Fairly light rose pink, the color deepening with full development. Perfect American Branching habit. Sept. 5 to 10.

BRANCHING AZURE BLUE. Clear mid or Lavender blue. Long stemmed and highly resistant. Sept. 15 to 20.

ROYAL AZURE BLUE. Same color as Branching Azure Blue. Of true Branching habit. Sept. 5 to 10.

ASTERS—Continued

ROYAL SHELL PINK. Bright shade of Semple or shell pink with extra large flowers for this class. Medium long stemmed. For both size and color an excellent commercial variety. Sept. 1 to 5.

QUEEN OF THE MARKET WHITE. The earliest worth while cut flower white. Medium size and good Branching habit. A good variety for indoor growing if planted in clean soil. July 15 to 20.

QUEEN OF THE MARKET AZURE BLUE. Lighter and clearly more desirable cut flower color than Mid Blue.

Prices on all Rot-Resistant strains Except Where Noted: Tr. pkt., 30c; $\frac{1}{4}$ oz., 50c; 1 oz., \$1.75.

Standard Varieties

QUEEN OF THE MARKET. Most popular early flowering class; of moderately strong growth, stem, and size. Fairly resistant and much used for July flowering under glass—but fresh soil should be used. July 10 to 25.

Crimson. Brighter than most crimson, making it valuable for cutting.

Dark Blue. A rich bright shade of purple; highly resistant.

Flesh-Pink. Fairly light rose-pink; deepening as it matures.

Mid-Blue. A good early mid-blue.

Scarlet. Rather heavy for cutting.

ROYALS. Follows Queen of the Market, and is a very popular and much used one because of excellent size and stems for the early flowering date that, however, varies some. Aug. 20 to Sept. 5.

Purple. Bright purple; prefer Ball Deep Purple.

White. Excellent fairly early commercial white.

AMERICAN COMETS. We group the Cregos and Comets under this heading, because they are all of the same general type. All are attractive American Asters, producing more or less the same interlaced or fluffy petal effect. A highly attractive type, but does not stand shipping as well as the plain or incurved type.

Comet, Blush Pink. Light or blush-pink. Valuable for earliness and very free flowering habit. Fairly long stem. Aug. 25.

Comet, Cattleya. Very pleasing orchid-lavender. Early Sept.

Comet, Light Blue. Azure-blue; good for cut flowers. Early Sept.

Comet, Rose. Fine large flowers; color a desirable deep rose shade. Early Sept.

Comet, White. Fine large white; some earlier flowering than others in this class. Early Sept.

Crego, Azure-Blue. A fine clear blue for cutting. Cregos, being long-stemmed and large-flowered, are generally preferred in this group. Sept. 10 to 15.

Crego, Blue Flame. Fairly deep bright blue. Highly resistant and extra for stem. Sept. 5 to 10.

Crego, Deep Rose. Fairly deep rose; a fine market variety. Extra large flowered. Sept. 10 to 15.

Crego, Enchantress. Attractive light rose tinged salmon; valuable addition to this class. Good size flower and substance. Mid. Sept.

Crego, Orchid. Delightful orchid-lavender shade. Long-stemmed and large flowered, but stem not heavy. Highly resistant. Sept. 5 to 10.

Crego, Peach Blossom. Delicate light rose deepening to bright pink. Attractive. Sept. 10 to 15.

Crego, Shell-Pink. Bright clear pink. Sept. 10 to 15.

Crego, White. Pure white; fine. Sept. 5 to 10.

Ostrich Feather, Peach Blossom. Delicate rose deepening to bright pink. Excellent market variety. Sept. 10 to 15.

AMERICAN BRANCHING. A term generally used to cover a number of midseason classes or strains of various producers. All are of spreading or branching habit, and for best results the individual branches should be disbudded. Royals and Queen of the Markets are of the same branching habit, but September flowering kinds only are generally known as the American Branching.

Rosalie. Outstanding for its completely double flower type; shows no center under any circumstances. Color is a good deep rose, and flowering date about Sept. 10 to 15. Typical American Branching habit.

Deep Rose. Long-stemmed, large-flowered deep rose; excellent for market. Sept. 15 to 20.

Purple. Rich purple, fine stem and highly resistant. Sept. 10.

ASTERS—Continued

Semple Pink. Choice shell-pink. Sept. 10 to 15.

White. True branching type; excellent for cutting. Sept. 10 to 15.

KING. Attractively pointed or quilled petals give this class real distinction. Flowers are harder than most classes or types, and for this reason they do not spot or bruise so easily. The Kings are largely used for shipping from California to Eastern markets.

Crimson. Bright crimson, strictly upright habit. Sept. 10 to 15.

Peach Blossom. Delicate rose deepening to bright pink. Upright growth. Sept. 10 to 15.

AMERICAN BEAUTY. A valuable and popular class because of late flowering, and large, long-stemmed, slightly incurved flowers. For northern locations the flowering dates should be noted to escape early frosts. However, most Beauties are generally satisfactory, even in our northern states.

Azure Fairy. Trifle darker than Branching Azure; large flowered and excellent for cutting. Sept. 20 to 25.

Crimson. Long-stemmed, good crimson color. Sept. 15 to 20.

Deep Rose. Finest rich deep rose. Sept. 15 to 20.

Purple. Long-stemmed large purple. Sept. 15 to 20.

Purple Prince. Bright marine purple. An excellent variety. Sept. 15 to 20.

Shell-Pink. (September Beauty.) Delicate pink, trifle lighter than Semple. Fair size, long stem. Sept. 25 to Oct. 1.

White. Long-stemmed excellent white. Sept. 20 to 25.

CALIFORNIA GIANTS. An extra large interlaced attractive type of flower for cutting, but not so suitable for long shipping. Extra long strictly non-lateral stems add to their value.

Dark Purple. Rich purple and highly resistant. Sept. 25 to Oct. 1. Tr. pkt., 35c; $\frac{1}{4}$ oz., 75c; 1 oz., \$2.50.

Early Giant Peach Blossom. Same as Early Giant Light Blue, but a pleasing light pink. Tr. pkt., 35c.; $\frac{1}{4}$ oz., 75c; 1 oz. \$2.50.

Early Giant Rose Marie. Has the same early flowering habit, size and non lateral habit of Early Giant Light Blue, exceptionally resistant and of a pleasing shade of medium rose pink. Tr. pkt., 50c.; $\frac{1}{4}$ oz., \$1.25; 1 oz., \$4.50.

PRICES on ANY OF THE ABOVE Resistant Asters Except Where Noted: Tr. pkt., 30c.; $\frac{1}{4}$ oz., 50c.; 1 oz., \$1.75.

Miscellaneous Resistant Asters

ASTER GIANT HARMONY MIXTURE (New). New Anemone Strain, similar in flower type to old favorite Aurora Golden Sheaf; comes in a fairly complete mixture of colors. Mid Season and fine for shipping because of hard flowers. Tr. pkt., 50c; $\frac{1}{4}$ oz., \$1.00; 1 oz., \$3.50.

AURORA GOLDEN SHEAF RESELECTED. A new Aurora type. Color considerably deeper and brighter, and flowers a good deal larger. Throws a few off types. Trade packets only. 50c.

AURORA GOLDEN SHEAF. Fully doubled anemone type; center cushion petals quilled, outer petals broad and flat. Creamy yellow, large, long stemmed, highly resistant, valuable for market. Sept. 15 to 20. Tr. pkt., 30c; $\frac{1}{4}$ oz., 50c; 1 oz., \$1.75.

HEART OF FRANCE. Distinctive scarlet color; approaches American Branching in type. Highly resistant. Sept. 10 to 15. Tr. pkt., 30c; $\frac{1}{4}$ oz., 50c.; 1 oz., \$1.75.

BEGONIA

	Tr. Pkt.
ALBERT MARTIN, bright carmine.....	\$.50
CARMEN, bright rose bronze foliage.....	1.00
CHRISTMAS CHEER, red.....	1.00
CHRISTMAS PINK, warm rose pink.....	1.00
DARLING, carmine rose.....	1.00
ERFORDIA, rosy carmine. 10".....	.50
GRACILIS LUMINOSA, deep dark scarlet.....	1.00
GUSTAV KNAAKE, glowing salmony pink.....	1.00
PINK PEARL, 6-8".....	1.00
PRIMA DONNA, rose	1.00
RADIO, shining, pure carmine scarlet.....	1.00
RED PEARL, 6-8".....	1.00
STRIEGAU, fiery carmine.....	1.00
VERNON, blood red, dark leaves, 12".....	.35
WHITE PEARL, 10".....	.50
WINTER ROMANCE, carmine pink.....	1.00
WUERTEMBERGIA, deep scarlet.....	.50
INDIAN MAID, red flower, bronze foliage.....	1.00

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

IRWIN'S CHOICE



FLOWER SEEDS

BLUE LACE FLOWER

Regular Strain	tr. pkt.	.15	—az.	.80
New Wilt Resistant.....	tr. pkt.	1.00	—az.	\$3.00

BROWALLIA

SEPCIOSA MAJOR	tr. pkt.	.35
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CALCEOLARIA HYBRIDA

IRWIN'S EXTRA CHOICE MIXED. Our mixture is composed of the choicest selections of the tigereed, marbled, spotted and variegated varieties. A superior English strain.

Tr. pkt. (about 1000 seeds) \$1.00; 1/32 oz., \$3.20; 1/64 oz. \$1.80
KELWAY'S PERFECT MODEL (Herbaceous).

Tr. pkt., \$1.00; 1/32 oz., \$4.25; 1/64 oz. \$2.25
MULTIFLORA NANA (Hyb.)..... Tr. pkt. \$1.00

CALENDULA

Tr. pkt. 1/4 Oz. Oz.

BALL'S MASTERPIECE. Extra long-stemmed, deep orange with brown center.....	\$0.40	\$0.60	\$2.00
BALL'S ORANGE IMPROVED.....	.40	.60	2.00
SENSATION. Double brilliant orange flowers with a crimson or scarlet sheen. The blooms are very flat in shape.....	.40	.60	2.00
BALL'S SUPREME. Light orange with brown eye....	.40	.60	1.80
BALL'S GOLD .....	.40	.60	2.00
BALL'S LONG ORANGE .....	.40	.60	2.00
BALL'S LEMON QUEEN .....	.40	.60	2.00
ORANGE KING .....	.15	...	.50
IRWIN'S SPECIAL BEDDING MIXED.....	.15	...	.50

CANDYTUFT

Tr. pkt. Oz. Lb.

GIANT HYACINTH-FLOWERED. Select, pure white, 12 in.	\$0.20	\$0.75	\$7.50
UMBRELLATA CARMINEA. Carmine. 12 in.....	.15	.40	3.60
ALBA. White. 12 in.....	.15	.40	3.60
FLESH. Pink. 12 in.....	.15	.40	3.60
LILACINA. Lilac. 12 in.....	.15	.40	3.60
PURPUREA. Crimson. 12 in.....	.15	.40	3.60

CELOSIA

Tr. pkt.

ROSE CARDINAL. Rose pink. 12 in.....	.20	.50	5.00
DWARF MIXED. Fine for pots.....			\$0.25
THOMPSONI MAGNIFICA. Mixed.....			.25
FLAME OF FIRE.....			.30

CENTAUREA

Tr. pkt. Oz. Lb.

CYANUS (Cornflower) BLUE. Excellent cut flower variety	\$0.10	\$0.40	\$4.00
CYANUS WHITE. Pure.....	.10	.40	4.00
BLUE BOY .....	.15	.50	4.00
PINKIE .....	.15	.50	4.00
RED BOY .....	.15	.40	4.00
GYMNOCARPA. Silvery foliage, heavy growth....	.20	.50	5.00

CHRYSANTHEMUM

Tr. pkt. Oz.

CARINATUM BURRIDGEANUM. White and crimson with yellowing ring. 20 in.....	\$0.15	\$0.25
ECLIPSE (Chamelean). Brown and yellow.....	.15	.25
NORTHERN STAR. Giant white flowers.....	.15	.25
PURPUREUM (W. E. Gladstone). Purple.....	.15	.25
THE SULTAN. Dark copper yellow ring. 20 in.....	.15	.25
SEGETUM (Eastern Star). Light yellow.....	.15	.25
ELDORADO. Bright canary yellow.....	.15	.25
GLORIA (Morning Star) Primrose flowers. 20 in.....	.15	.25
HELIOS (Evening Star). Golden yellow.....	.15	.25

CINERARIA

Tr. pkt.

CREMER'S PRIZE STRAIN.....	1/32 oz.	\$4.50
MULTIFLORA NANA COMPACTA.....		1.00
MULTIFLORA NANA MAXIMA. Mixed.....	1/32 oz.	\$2.40
POTSDAM STRAIN (Berlin Market)	1/64 oz.	\$1.50
SITER'S RAINBOW STRAIN.....	1/32 oz.	\$2.50

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COLEUS

	Tr. pkt.
RAINBOW MIXTURE. Large leaf.....	1/16 oz. \$1.50
IRWIN'S SMALL LEAF.....	1/8 oz. .75

CUPHEA

	Tr. pkt.
FIREFLY DWARF COMPACTA.....	\$0.50

COSMOS

	Tr. pkt. Oz.
SENSATION. Mammoth flowering. Produces a bloom about 4 in. across in about 10 weeks from sowing.....	\$0.25
PINK .....	.25
WHITE .....	.25
MIXTURE .....	.25
ORANGE FLARE (Early Klondyke) .....	.25
CARDINAL .....	.35

CYCLAMEN

Binnewies Strain (None Better)

In Original Packets.

No. 1—DARK BLOOD RED.....	100	1000
No. 2—BRIGHT RED	100	1000
No. 3—PURE ROSE	1.25	11.00
No. 4—SOFT ROSE WITH CARMINE EYES (Impr. Rose of Morienthol)	1.25	11.00
No. 5—WHITE WITH CARMINE EYE.....	1.25	11.00
No. 6—PURE WHITE	1.25	11.00
No. 7—BONFIRE. Brilliant salmon.....	1.85	16.50
No. 8—SALMON SCARLET (American Improved).....	2.20	17.50
No. 9—NEW SALMON ROSE IMPROVED.....	1.65	14.50
No. 10—SALMON COLOR (Dark) (Glory of Wandsbek or Perle of Zehlendorf).....	1.65	13.00
No. 11—SALMON COLOR (Light) (Rose of Zehlendorf).....	1.65	13.00
No. 12—ORANGE BEAUTY. Orange vermillion, extra....	2.00	18.50
No. 14—MORNING RED	1.65	14.50
No. 15—SAFFRON RED	1.55	12.00
No. 16—SAFFRON RED. Silver edged.....	1.85	16.50
No. 18—MOZART. Deep pink (Novelty)	2.00	18.50
No. 19—LAVENDER COLOR	1.25	11.00
No. 21—PINK PEARL. Salmon pink (Novelty)	2.00	18.50
No. 22—ROSE OF AZFELD. Salmon red.....	1.65	14.50
No. 23—FLAMINGO. Salmon pink.....	2.00	18.50
No. 24—GOLDEN SALMON Dark salmon, white edge..	2.00	18.50
No. 25—SILVER SALMON (Light salmon, white edge) ..	2.00	18.50
No. 26—SILVERLOAF. (several salmon shades)	2.00	18.50

DAHLIA SEED

NEW COLNESS HYBRIDS, Mixed. Tr. pkt. 25c, 1/4 oz., 40c, oz. \$1.40
Sow seed in January or February, repeat into 2 1/4-in. pots and plant out early in the Spring. They will flower all Summer long. Very effective for bouquets, funeral work, etc.

DELPHINIUM

Tr. pkt. Oz.

BELLADONNA, LIGHT BLUE IMP.....	\$0.35	\$2.00
BELLAMOSUM, DARK BLUE IMP.....	.35	2.00
BLACKMORE & LANGDON STRAIN.....	.50	2.80
PAPPAS STRAIN	6 far \$5.00, 1.00	...
PACIFIC GIANT HYBRIDS MIXED.....	1.00	12.00
PACIFIC GIANT, clear white.....	1.25	14.00
WREXHAM STRAIN HOLLYHOCK.....	.50	4.80

DRACAENA

INDIVISIA, narrow-leaved tr. pk. 15c, az. 40c, lb. \$4.00

EXACUM

Sow seeds Jan.-June for Fall and Winter.

Tr. Pkt. Oz.

AFFINE. Light blue, for pots.....	\$0.75	\$1.60
ATRO-COERULEUM. Dark blue with golden yellow stamens	1.00	2.25

FORGET-ME-NOT

IRWIN'S SPECIAL FOR MOTHER'S DAY POTS, dark blue,
tr. pkt. 75c, $\frac{1}{4}$ oz. \$1.50
IRWIN'S EARLY BLUEBIRD (for winter cut)....tr. pkt. 50c, $\frac{1}{4}$ oz. \$1.00
VICTORIA, Dwarf globular strain, sky blue....tr. pkt. 25c, $\frac{1}{4}$ oz. \$0.40

GOURDS

SMALL FRUITED VARIETIES.....tr. pkt. 10c, oz. \$0.25

GREVILLEA (Silk Oak)

ROBUSTAoz. 80c, lb. \$8.00

GYPSOPHILA

GIANT FLOWERING, IRWIN'S SPECIAL STRAIN. White
1 oz. 20c, 4 ozs. 50c, lb. \$1.25 5 lbs. \$5.00

ROSEA, Rose1 oz. 20c, 4 oz. 75c, lb. \$2.00

IPOMOEA

(Morning Glory)

	Tr. Pkt.	Oz.	
EARLY FLOWERING HEAVENLY BLUE.....	\$0.20	\$0.60	
SCARLETT O'HARA. Red.....	.25	1.50	

LANTANA (Hybrida)

DWARF MIXEDTr. pkt. 15c, oz. 60c

ANNUAL LARKSPUR

GIANT IMPERIAL—4 ft.

A new race of annual Larkspur of upright growth, branching from the base of plant, producing more and longer stems for cutting.

BLUE COCKADE, lilac blue	GLORIA, deep rose
BLUE SPIRE, dark blue	LILAC QUEEN, rich lilac, shading to lavender blue
BELL, midblue	LILAC SPIRE
CORAL KING	MISS CALIFORNIA, salmon
DAINTINESS, lavender	WHITE KING
DAZZLER, carmine	WHITE SPIRE
EXQUISITE PINK, salmon	
EXQUISITE ROSE, dark	

	Tr. Pkt.	Oz.	Lb.
The above	\$0.25	\$1.00	\$10.00

LILUM

Tr. Pkt. Oz.

WHITE QUEEN, large pure white flowering 12-14 months
from sowing\$1.00 \$12.00

	Tr. Pkt.	Oz.	Lb.
REGALE (Regal Lily)	\$0.15	\$0.40	\$4.00

LOBELIA

Tr. Pkt. $\frac{1}{4}$ Oz. Oz.

CRYSTAL PALACE COMPACATA, 4 in.....\$0.25 \$0.50 \$1.80
PENDULA, HAMBURGIA. Good for hanging

baskets, sky blue, white eye..... .25 .50 1.40

PENDULA SAPPHIRE. Dark blue..... .25 .50 1.60

PUMILA SPLENDENS, BEDDING QUEEN..... .25 .60 2.00

EMPEROR WILLIAM. Gentian blue..... .25 .50 1.60

LUPINS

Free flowering, easily grown annuals, with long, graceful spikes of rich and various colored, pea-shaped flowers; valuable for cutting to follow "Mums" or Sweet Peas as a "catch crop."

 $\frac{1}{4}$ Lb. Lb. Oz.

IRWIN'S SPECIAL BLUE. Greenhouse forcing, flower
in four months after sowing. A favorite in the

New York market..... \$1.25 \$5.00 \$0.50

IRWIN'S SPECIAL YELLOW. For forcing.....50

HARTWEGI, DARK BLUE 3.00 .30

HARTWEGI, LIGHT BLUE 3.00 .30

HARTWEGI, ROSEUS 3.00 .30

HARTWEGI ALBUS 3.00 .30

HARTWEGI MIXED 2.00 .30

RUSSELL'S LUPINS. Mixed colors.....tr. pkt. 30c, $\frac{1}{4}$ oz. 65c, 2.00

* Most popular varieties.

MARIGOLD

Giant African

(10,000 seeds per ounce)

Large Double Flowers, long-stemmed and fine for Cutting
FISTULOSA. The "quilled" or tubular petal kinds.

*All-Double Orange. Produce 85-90% double, the balance semi-, but not quite so large as Prince of Orange. This elimination of singles makes them a superior strain for cutting. Tr. pkt. 25c, $\frac{1}{4}$ oz., 50c; 1 oz., \$1.50; 4 ozs., \$5.00.

*All-Double Lemon. Same trueness to double type as All Double Orange. Tr. pkt., 25c; $\frac{1}{4}$ oz., 50c; 1 oz., \$1.50; 4 ozs., \$5.00.

All-Double Mixture. Mixture of above All-Double varieties. Tr. pkt., 25c; $\frac{1}{4}$ oz., 40c; 1 oz., \$1.35; 4 ozs., \$4.00.

Prince of Orange. Produce fine large specimen flowers; about 60% double. Tr. pkt., 25c; $\frac{1}{4}$ oz., 50c; 1 oz., \$1.50; 4 ozs., \$5.00.

Lemon Queen Improved Strain. Bright lemon; same habit as Prince of Orange. Tr. pkt., 25c; $\frac{1}{4}$ oz., 50c; 1 oz., \$1.50; 4 ozs., \$5.00.

Golden Emblem. Bright gold; midway between orange and lemon; fairly true. Tr. pkt., 25c; $\frac{1}{4}$ oz., 40c; 1 oz., \$1.25.

CARNATION FLOWERED. Imbricated or overlapped petals. TALL. Long-stemmed and valued for cut flowers.

*Guinea Gold. Attractive deep golden orange flowers, 2-3 in. and very freely produced; fine for cutting. Tr. pkt., 25c; $\frac{1}{4}$ oz., 40c; 1 oz., \$1.25; 4 ozs., \$3.50.

*Yellow Supreme. Bright lemon yellow, loose petaled flower. Not quite as long stemmed as Guinea Gold. Tr. pkt., 25c; $\frac{1}{4}$ oz., 40c; 1 oz., \$1.25; 4 ozs., \$4.00.

*Gold. An odorless Guinea Gold, same deep golden orange color but considerably earlier. Excellent for a spring greenhouse crop or for outdoor cutting if not too hot. Tr. pkt., 35c; $\frac{1}{4}$ oz., 65c; 1 oz., \$2.35.

Golden Eagle. Midway between Guinea Gold and Yellow Supreme in color. Quite large and fairly true to type. Tr. pkt., 20c; $\frac{1}{4}$ oz., 40c; 1 oz. \$1.25.

DWARF. Excellent for borders; free and continuous flowering. Note real value of Floribundas, which flower fully six weeks earlier than others but which are more easily weakened by heat.

*Floribundo Orange. Same large flower and rich color as Guinea Gold, but extra dwarf, 12-15 in. tall. Unusually early and free flowering and excellent for borders. Tr. pkt., 20c; $\frac{1}{4}$ oz., 45c; 1 oz., \$1.50.

*Floribunda Mixed. Same fine dwarf habit as Floribunda Orange. Predominately orange with some gold and intermediate shades. Tr. pkt., 20c; $\frac{1}{4}$ oz., 45c; 1 oz., \$1.50.

*Golden Crown. Rich golden yellow carnation-flowered type. Showy and very fine even under drought, but not extra early. Outstanding for fine color and free flowering compact habit. Tr. pkt., 35c; $\frac{1}{4}$ oz., 60c; 1 oz., \$2.00.

Golden Queen. Bright golden yellow, carnation-flowered type. Extra dwarf and restricted growth. Nice as a pot plant, but hardly strong enough for bedding out where summers are hot. Medium early. Tr. pkt., 15c; $\frac{1}{4}$ oz., 25c; 1 oz. 75c.

Other Large Flowered Types

*Sunset Giants. A fine flowered strain of Marigolds. Of carnation-flowered type, long stemmed, and in a variety of shades from golden orange to lemon. Favored by spring greenhouse conditions or more moderate summers, the blooms often become 6-7 in. across. Fine for outdoors or winter or spring greenhouse culture. Largest flowers develop if grown one flower per plant. Tr. pkt., 35c; $\frac{1}{4}$ oz., 50c; 1 oz., \$1.80.

*Orange Sunset. (All America Winner.) A rich lively orange segregation from the famous Sunset Giants. Unusual size and trueness to type and color. Particularly recommended for single stem greenhouse culture. Tr. pkt., 35c; $\frac{1}{4}$ oz., 75c; 1 oz., \$2.50.

American Beauty Mixed. (Chrysanthemum-flowered.) Large incurved or Mum flower type. Attractive colors, but rather late flowering for any but California and Southern growers. Tr. pkt., 30c; $\frac{1}{4}$ oz., 60c; 1 oz., \$2.25.

American Beauty Orange. Similar in habit to above, but a deep strong orange. True to color. Tr. pkt., 35c; $\frac{1}{4}$ oz., 75c; 1 oz., \$2.75.

American Beauty Yellow. Same, but a strong clear yellow. Nice. Tr. pkt., 35c; $\frac{1}{4}$ oz., 75c; 1 oz., \$2.75.

MARIGOLD—Continued

Dixie Sunshine. Fully doubled Chrysanthemum type flower. Long stemmed and medium large flowered, but rather late for northern summers. Excellent in southern states. Tr. pkt., 35c; $\frac{1}{4}$ oz., 75c; 1 oz., \$2.50.

Sunrise. (All-America Winner.) A real early flowering Dixie Sunshine. Plenty early to flower in mid-west not quite so long-stemmed as the old Dixie Sunshine. Tr. pkt., 35c; $\frac{1}{4}$ oz., 60c; 1 oz., \$2.00.

Crown of Gold. Odorless and an incurved or Mum type flower with row of outer guard petals. Produce choice medium large cut flowers as a spring greenhouse crop but hardly strong enough outdoors where summers are hot. Tr. pkt., 20c; $\frac{1}{4}$ oz., 30c; 1 oz., \$1.00.

French Marigolds

The small flowered type. 9,000 seeds per ounce.

DWARF SMALL FLOWERED. A most valuable class to flower in small pots for spring combinations. For this use sow early in January and carry on in a warm house. Also, this class is largely used for bedding.

***Golden Harmony.** (All-America Award.) A bright golden yellow "twin" to Harmony. Has same dwarf free flowering habit and uniform trueness to type that has made Harmony so popular. Fine as a pot plant or for bedding. Medium early. Tr. pkt., 25c; $\frac{1}{4}$ oz., 60c; 1 oz., \$2.00.

***Harmony.** Attractive scabious-like double flowers; deep orange center with maroon red outer petals. Quite striking and valuable in combinations or for bedding. Dwarf and free flowering. Tr. pkt., 20c; $\frac{1}{4}$ oz., 35c; 1 oz., \$1.15; 4 ozs., \$3.25.

Limelight (New—All America Bronze Medal Winner.) An extra large flowered French type; color a pale primrose yellow. Flowers are of incurved type. Trade packets only, 50c.

Royal Scot. All-Double. Showy fully double flowers nicely striped gold and mahogany. Quite uniform in color and habit; an excellent strain. Tr. pkt., 25c; $\frac{1}{4}$ oz., 50c; 1 oz., \$1.60.

Monarch Golden Ball. Fine golden orange. Monarch strains produce a high per cent of full petaled tight double flowers. Finest in its color class. 12-15 in. Tr. pkt., 15c; 1 oz., 60c.

Yellow Pigmy (New—All America Winner.) A new dwarf French lemon yellow; the brightly colored flowers are born freely on the extra compact bushy plants; quite true. Tr. pkts., only 50c.

Monarch Strain Mixed. Predominates in the same fine fully doubled flowers as Monarch Golden Ball, but in an attractive mixture of colors. A very choice strain, but not quite so early flowering as the regular French Mixture. Tr. pkt., 15c; 1 oz., 60c; 1 lb., \$2.00.

Dwarf French Double Mixed. An exceedingly colorful mixture with a most complete range of colors. Excellent for combinations or borders. Tr. pkt., 15c; 1 oz., 50c; 1 lb., \$4.50.

Robert Beist. Extra deep rich mahogany-red, medium large, fully 80% double. Nice. Tr. pkt., 15c; 1 oz., 60c.

Pollido. Double lemon or light yellow. Uniform and nice. Tr. pkt., 15c; 1 oz., 60c.

***Fire Cross.** Single. A light orange with mahogany red center. Some deeper color than Legion of Honor. Remarkably true to type and fine for outdoors. Tr. pkt., 15c; 1 oz., 35c.

***Legion of Honor.** Well known dwarf single. Very similar to Fire Cross, but several shades lighter. Both this and Fire Cross are valuable for early flowering in small pots. Tr. pkt., 15c; 1 oz., 35c.

Signo Pumilo Little Giant. (Not a French type, rather Mexican.) Quite small single bright orange flowers very freely produced on uniformly dwarf bushy plants. Fine material for borders even in hot sections. Tr. pkt., 20c; $\frac{1}{4}$ oz., 35c; 1 oz., \$1.15.

TALL SMALL FLOWERED. Certain varieties in this class are of particular value for spring cut flowers.

***Moroon Chief.** For a spring crop; identical flower type, habit and color as Lieb's Winter Flowering. Sow in January. Very free flowering. Tr. pkt., 20c; $\frac{1}{4}$ oz., 40c; 1 oz., \$1.25.

Double Scotch Gold Striped. Highly effective and true, but rather late flowering for early frost sections. 2 $\frac{1}{2}$ ft. Tr. pkt., 20c; $\frac{1}{4}$ oz., 35c; 1 oz., \$1.00.

Single Josephine. Small dark brown. 2 ft. Tr. pkt., 15c; 1 oz., 50c.

* Most popular varieties.

Lieb's Winter-Flowering

	Tr. pkt.
MAHOGANY BROWN, $\frac{1}{4}$ oz. 50.....	\$0.50
WINTER SUNSHINE .....	.50

MIGNONETTE

NEW YORK MARKET. This is an extra choice strain of Mignonette for greenhouse culture. The plants grow from 2 to 3 ft. high and produce spikes up to 20 in. long, according to the quality of the soil, weather and treatment. Tr. pkt., 75c.

NIEREMBERGIA

HIPPOMANICA. Dwarf cup flower, lavender blue.....	Tr. pkt. 50c
FRUTESCENS LILAC	25c

NASTURTIUM

GLEAM HYBRIDS MIXED.....oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.00	
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PANSIES**Up-to-the-Minute Varieties**

Tr. Pkt. $\frac{1}{4}$ Oz. Oz.

IRWIN'S FINEST EXHIBITION MIXTURE. A mixture of the finest exhibition Pansies grown in this country	\$2.00	\$3.50	\$12.00
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IRWIN'S WINTER FLOWERING. Long stem for cut flower	1.00	4.00	14.00
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MAGNOLIA JUMBO EXHIBITION MIXED.....	1.00	4.50	15.00
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IRWIN'S GIANT FLORIST MIXTURE.			
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$\frac{1}{8}$ oz. \$1.00, $\frac{1}{2}$ oz. \$3.00 ...	1.75	6.00
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SWISS GIANT MIXED $\frac{1}{8}$ oz.	1.00	1.75	6.00
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MAPLE-LEAVED. Giant mixed.....	.50	1.80	6.00
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ADONIS. Bright blue.....	.25	.40	1.40
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BEACONSFIELD. Deep purple, upper petals white25	.40	1.40
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BLACK25	.40	1.40
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CARDINAL. Brilliant red25	.40	1.40
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IRENE. Henna red65	2.50	8.50
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MADAME PARRET. Wine shades.....	.25	.40	1.40
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PRINCE HENRY. Dark blue.....	.25	.40	1.40
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WHITE WITH DARK EYE.....	.25	.40	1.40
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WHITE. Pure white25	.40	1.40
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YELLOW WITH DARK EYE.....	.25	.40	1.40
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YELLOW. Pure yellow25	.40	1.40
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PETUNIA**Large Single Fringed Grandiflora**

Tr. pkt.

BURGUNDY. Red with white throat.....			\$.50
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DAINTY LADY. Dark cream.....			.50
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FLUFFY RUFFLES. Finely fringed mixed.....			.50
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GOLDEN JUBILEE. Carmine, tinged scarlet, golden throat.....			.50
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LACE VEIL. Dwarf white fringed.....			.50
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PURPLE ROBE. Purple with silvery white picotee edge.....			.50
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RAPTURE. Rose pink yellow throat veined carmine rose.....			.50
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THEODOSIA. Largest fringed Rose, gold throat, 1/32 oz., \$1.75;	.50		
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Ruffled Giant

Tr. pkt.

CAMELLIA, rose pink.....			\$.75
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COPPERERED, dark throat.....			.50
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COPPER SCARLET50
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GIANTS OF CALIFORNIA, mixed.....	1/16 oz.	\$2.50	.50
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MARILYN, salmon pink.....			.75
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Dwarf California Giants—Single

RAMONA STRAIN. This is the best strain of giant-flowered Petunias in existence for pot culture and bedding.

Tr. pkt. \$1.00, 1/32 oz. \$2.50, $\frac{1}{8}$ oz. \$8.00

GIANTS OF CALIFORNIA SUPREME FLORIST STRAIN.

1000 seeds \$1.00

COLORADO SUNSET. Rose pink.....

Tr. pkt. 75c

Double Small Flowering

ROSY MORN. A beautiful double pink.

1000 seeds \$1.00, 1/32 oz. \$3.00, 5000 seeds \$4.00

SNOWBALL. Double Lilliput White.....

1000, \$1.00

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

PETUNIA—Continued**Portland Petunias**

	Tr. Pkt.
PRIDE OF PORTLAND. Rose pink, fringed.....	1/32 oz. \$1.20, \$0.50
ELK'S PRIDE. Velvety violet, plain edge.....	1/32 oz. 1.20, .50
SCARLET BEAUTY. Fringed.....	1/32 oz. 1.20, .50
WHITE BEAUTY. Fringed.....	1/32 oz. 1.20, .50

All Double Petunias

"VICTORIOUS" ALL DOUBLE PETUNIA (Original Sakata Strain). A money maker for Mothers' Day. Without doubt the best Double Petunia Dwarf Giant Flowering Fringed yet introduced. A wonderful mixture of bright colors. Fine rarr pots.
 Pink Perfection (World Beauty). Fine deep rose. Extra large heavily fringed flowers. The finest and most called for All Double Variety.
 Loveliness. A shade lighter than Pink Perfection.
 Snowball. The finest fringed pure white; large flowered and true to color.
 Appleblossom. A particularly pleasing shade of light pink especially attractive as a pot plant.
 Amaranth Red. A strong deep red.
 Gaiety. Irregularly colored pink and white. Especially attractive color combination.
 Orchid Beauty. Orchid or light lilac; heavily veined choice color.
 White Glory. Large, plain edged, semi-double white.
 All-Dauble Mixture. Some complaints on the colors in Victarious Mixture have induced us to make up this, a formula mixture of named All-Doubles. It consists of 1/2 Pink Perfection; 1/4 Snowball, and 1/4 various colors. Priced same as separate colors from which it is made.
 Price on the All-Double varieties except Victorious Mixture (below): 1/2 tr. pkt. (500 seeds), \$1.25; 1 tr. pkt. (1000 seeds) \$2.00; 3 tr. pkts., \$5.00. (Any combination of varieties in packets). 1/64 oz., \$6.50; 1/32 oz., \$12.50; 1/16 oz., \$22.50.
 Victorious Mixture. This is the standard All-Double Mixture. 1/2 tr. pkt. (500 seeds), \$1.00; tr. pkt. (1000 seeds), \$2.00; 3 tr. pkts., \$5.00; 1/64 oz., \$6.00; 1/32 oz., \$11.00; 1/16 oz., \$20.00.

Single Small-Flowering Varieties

	Tr. Pkt.	1/4 Oz.	Oz.
ADMIRAL. Clear blue wavy edges.....	.35	...	...
ALDERMAN. Dark violet .....	.35	\$0.60	\$2.00
BETSY ROSS. Red and white.....	.50	...	...
BLOTTED AND STRIPED. Intimidable.....	.20	...	1.00
BLUE BIRD. Deep violet, extra fine.....	.35	.70	2.40
CELESTIAL ROSE. Reselected.....	.50	2.75	10.00
DAZZLER. Bright rose.....	.75	...	...
DWARF FLAMING VELVET (King Henry), velvety blood red .....	.75	...	...
FLAMING VELVET. Velvety blood red.....	.35	1.00	3.00
GENERAL DODDS. Blood red.....	.25	...	1.40
GLOW. Bright rose dwarf compact, very free flowering .....	.75	...	...
HEAVENLY BLUE. Silvery light blue varies.....	.50	1.75	6.00
HOLLYWOOD STAR. Rose pink, creamy-eyed.....	.50	...	...
HOWARD'S STAR IMP. Purple white stor.....	.35	1.00	3.00
MARTHA WASHINGTON. Blush pink veined wine red .....	.50	...	...
NORMA. Violet blue, white star.....	.25	...	1.40
ROSE OF HEAVEN. Beautiful pink.....	.35	.50	1.60
ROSE OF HEAVEN IMP. ....	.50	...	...
ROSY MORN. Pink with white throat.....	.50	.70	2.40
ROSY MORN IMP. ....	.50	...	...
SNOWBALL. Dwarf white.....	.25	...	1.40
SUNRISE. Rose .....	.75	...	...
TOPAZ ROSE. Velvety rose.....	.35	1.25	3.75

PETUNIA—Continued

	Tr. Pkt.	1/4 Oz.	Oz.
VELVET BALL. Velvety blood red.....	.75	...	...
VIOLACEA. Violet .....	.25	...	1.20
WHITE CLOUD. Pure white.....	.50	...	...
IRWIN'S SPECIAL DWARF MIX.....	.25	.50	1.60

Balcony Petunias

	Tr. Pkt.
BALCONY QUEEN. Purple and white.....	1/16 oz. \$1.50, \$0.50
BALCONY BLUE. A splendid strain.....	1/16 oz. .75, .35
BALCONY RED. Dark red.....	1/8 oz. .50, .25
BALCONY ROSE	1/8 oz. .50, .25
BALCONY WHITE	1/8 oz. .50, .25
BALCONY ROYAL BLUE	oz. 4.00, .50

Diener's Ruffled Monsters

We carry Diener's complete line of Petunia Seed put up in original packets and by weight
 (Single and Double)

The varieties marked Ruffled Monsters are of giant size while the others are somewhat smaller. Please order Petunias by number to avoid mistakes.

	Tr. Pkt.
No. 1—PINK (Ruffled Monster)	\$0.50
No. 2—FLESH PINK (Ruffled Monster) .....	.50
No. 3—VARIEGATED (Ruffled Monster) .....	.50
No. 4—WHITE AND YELLOW CENTER (Ruffled Monster) .....	.50
No. 5—RED, DARK VEINED AND COAL BLACK CENTER (Ruffled Monster) .....	.50
No. 6—PALE LILAC PINK (Ruffled Monster) .....	.50
No. 7—RED AND WHITE VARIEGATED (Ruffled Monster) .....	.50
No. 8—RUFFLED MONSTERS MIXED .....	.50
No. 9—FLESH PINK FRILLED .....	.25
No. 10—SALMON ROSE (Ruffled Monsters) .....	.50
No. 11—DIENER'S BLUE .....	.25
No. 12—COPPER PINK and WHITE VARIEGATED .....	.50
No. 13—HELIOTROPE (Ruffled Monsters) .....	.50
No. 14—DIENER'S PINK GLORY .....	.25
No. 15—PURPLE AND WHITE .....	.50
No. 16—WHITE BEAUTY .....	.25
No. 17—PALE SULPHUR YELLOW .....	.25
No. 18—VARIEGATED HEAVY RUFFLED .....	.50
No. 19—GIANT PINK GLORY .....	.50
No. 20—MAUVE (Ruffled Monster) .....	.50
No. 21—STEEL BLUE .....	.25
No. 22—ROSE COLOR .....	.25
No. 23—PALE AMARANTH PINK .....	.25
No. 27—SALMON COLOR (Single) .....	.25
No. 41—COPPER RED (Ruffled Monsters) .....	.50
No. 46—DEEP VELVETY VIOLET (Single) .....	.50
No. 47—JUMBO MIXTURE OF RUFFLED MONSTER PETUNIAS	1.00

Diener's Double Petunias

Note—All of our Double Petunia seeds are raised from Double Petunias and so give the highest percentage of double seedlings. The slowest and poorest seedlings will turn out the best doubles.

	Tr. Pkt.
No. 24—SALMON DOUBLE	\$1.00
No. 25—COPPER RED DOUBLE	1.00
No. 26—GREEN EDGED DOUBLE	1.00
No. 28—DOUBLE LAVENDER BLUE	1.00
No. 29—PURPLE DOUBLE. Medium size	1.00
No. 38—DOUBLE RUFFLED MONSTERS MIXED	1.00
No. 40—MADONNA. Frilled snow white	1.00
No. 42—LARGE DOUBLE FRILLED MIXED	1.00
No. 43—DOUBLE ROSE PINK FRILLED	1.00
No. 44—DOUBLE FRILLED ROSE PINK AND WHITE VARIATED	1.00

Prices for Diener's Petunia Seeds in quantity:

Separate colors of each of the following numbers are sold in quantity as follows:

RUFFLED MONSTERS (Single) Numbers 1, 2, 3, 5, 6, 7, 8, 10, 15, 20, 41, 45, 46:

1/64 oz. \$2.50	1/32 oz. \$4.00
1/16 oz. 8.00	1/8 oz. 15.00

PETUNIA—Diener's—Continued

SMALL FLOWERING VARIETIES: Numbers 11, 14, 17, 21, 23, 30;
1/32 oz. \$3.00 1/16 oz. \$6.00
1/8 oz. 12.00

DOUBLE VARIETIES: Numbers 38, 42, 44;
1/64 oz. \$5.00 1/32 oz. \$10.00
1/16 oz. 20.00

PHLOX DRUMMONDI GRANDIFLORA

	Tr. pkt.	1/4 oz.	Oz.	Lb.
ALBA. White		\$0.20	\$0.30	\$1.00
ALBA OCULATA. White with dark eye	.20	.30	1.00	10.00
ATROPURPUREA ALBA OCULATA. Dark purple with white eye	.20	.30	1.00	10.00
BRILLIANT. Rose with dark eye	.20	.30	1.00	10.00
CHAMOIS RED	.20	.30	1.00	10.00
CARENA. Flesh	.20	.30	1.00	10.00
ISABELLINA. Yellow	.20	.30	1.00	10.00
KERMESINA SPLENDENS. Crimson	.20	.30	1.00	10.00
LEOPOLDI. Pink with white eye	.20	.30	1.00	10.00
VIOLET WITH WHITE EYE	.20	.30	1.00	10.00
ROSEA. Pink	.20	.30	1.00	10.00
SCARLET	.20	.30	1.00	10.00
BEST LARGE-FLOWERING MIXED	.15	.25	.90	8.00

PHLOX NANA COMPACTA (Dwarf)

	Tr. pkt.	1/4 oz.	Oz.
SNOWBALL. 6 in.		\$0.25	\$0.50
DELICATA. Old rose, carmine eye	.25	.50	2.40
FIREBALL	.25	.50	2.40
CHAMOIS	.25	.50	2.40
MIXED	.25	.50	2.40

PORTULACA

	Tr. pkt.	Oz.
SINGLE LARGE FLOWERING SORTS. Mixed		\$0.15
DOUBLE SORTS. Finest mixed	.25	2.00

NEW BABY PRIMULAS WITH 1-INCH FLORETS
New Malacoides Varieties with More and Larger Flowers, and New Colors.

DOUBLE FAIRY JEWELS. Hundreds of rich rose-pink florets, $\frac{3}{4}$ to 1 inch in diameter, add a gay, cheery note to a fine pot plant. The doubles have 2 or 3 extra rows of petals appearing at first as a tuft in the center of the flower, lying flat in double rows when fully open. The color is deeper. Comes 90 to 95 per cent double from seed. Trade Packet (about 1000 seeds), \$1.50.

ENCHANTRESS. A beautiful soft salmon-rose hitherto unknown in Malacoides. The well rounded, beautifully formed flowers are $\frac{7}{8}$ to 1 inch in diameter and produced in profusion. A well grown plant will have 50 or more heavy-stemmed spikes, yet the color alone merits your purchase of this variety. Trade Packet (about 1000 seeds), \$1.50.

LAVENDER GLORY. Soft mauve lavender about the shade of the original Malacoides. Lavender Glory has the largest flowers of the group—up to $1\frac{1}{4}$ inches in diameter, beautifully formed and abundantly produced. The strong and robust plants are a far cry from the original type. Trade Packets, \$1.00.

SNOW FLAKE. Flowers of the purest shimmering snow white one can imagine. Its beautifully formed 1-inch florets adorn the stately stems like glistening jewels sharply highlighted by the lush green foliage. Trade Packet (about 1000 seeds), \$1.00.

GIANT MALACOIDES MIXTURE. All the above, together with others still in the developmental stage, including a delightful bicolor pink and white. Well worth growing for the many previously unknown colors found in it. Flowers are equal in size to above. Trade Packet (about 1000 seeds), \$1.00.

PRIMULA

	Tr. pkt.
MALACOIDES BABY PRIMROSE. Light lilac.	Tr. pkt. 50c, $\frac{1}{8}$ oz. \$1.00
ERIKSSONI BABY ALBA. White	Pkt. (about 800 seeds) 1.00
ERIKSSONI NEW BABY. Lavender pink	Pkt. (about 800 seeds) 1.00
ERIKSSONI BABY ROSE. Deepest pink	Pkt. (about 800 seeds) 1.00
ERIKSSONI BABY DOLL. Frilled deep pink	Pkt. (about 800 seeds) 1.00
ERIKSSONI WONDER BABY. Pink	Pkt. (about 800 seeds) 1.00

PRIMULA OBCONICA**Single**

FASBENDER. Red and rose shades mixed. Seed grown by Mr. Fasbender the originator. Flowers of enormous size. Without doubt the finest strain obtainable.

	Tr. pkt.
1/64 oz. (2500 seeds)	\$3.00, 1 gram. (5000 seeds) \$5.00, \$1.00
MOHNSTEIN'S DARK RED	1 gram \$5.00, 1/64 oz. \$3.00 \$1.00
MUELLER'S ROSE	1 gram \$4.50, 1/64 oz. \$3.00 1.00
MUELLER'S RED	1 gram \$5.00, 1/64 oz. \$3.00 1.00

RICINUS (Castor-bean)

Oz. Lb.

SANGUINEUS. Red leaves	7 ft.	\$0.10	\$1.00
ZANZIBARIENSIS. Mixed		.15	1.20

SALPIGLOSSIS

MIXED Tr. pkt. 15c, oz. 80c

SALVIA SPLENDENS

Tr. pkt. $\frac{1}{4}$ oz. Oz.

AMERICA (Globe of Fire). 16, 20 in.	\$0.35	\$0.60	\$2.00
FIREBRAND. Extra early very dwarf scarlet	.50	.90	3.35
BONFIRE or CLARA BEDMAN. Erect habits. 16 in.	.25	.60	1.80
FARINACEA, BLUE BEDDER	.25	.50	1.80
ZURICH	.35	.60	2.00

SCHIANTHUS (Butterfly Flower)

Sow seeds Jan.-Feb. for Spring
August-Sept. for March and April

Tr. pkt. $\frac{1}{8}$ oz. $\frac{1}{4}$ oz.

DR. BADGERS GIANT HYBRIDS. Improved large florist mixture. For cutting	\$0.35	\$0.65	\$1.20
EXCELSIOR COMPACTUS. Rich colored, large flowered, dwarf. Fine for pots	.50	1.00	1.80
WISETONENSIS HYBRIDS. Brilliant large flowered mixture	.35	.60	1.00

SCABIOSA

Tr. pkt. Oz.

BLUE MOON. Entirely double without center	\$0.35	\$2.00
CHERRY RED	.15	.50
LOVELINESS. Salmon rose	.15	.60
ROSETTE. Deep rose with salmon	.25	1.40
SHASTA. Pure white, extra large	.15	.50
R. J. I. SPECIAL MIXTURE	.15	.60

SHAMROCK

Tr. pkt. 15c. Oz. 50c.

SMILAX

Tr. pkt. 15c. Oz. 50c.

SNAPDRAGON—See Antirrhinum**SOLANUM****(Christmas Pepper)**

Tr. pkt.

BIRD'S EYE PEPPER. Small fruit	\$0.25
CHRISTMAS CHERRY IMP.	.25
CLEVELAND ORANGE	.25
CLEVELAND RED	.25
MASTERPIECE. Large scarlet fruit	.25

STATICE

Tr. pkt. Oz. Lb.

SINUATA DARK BLUE. Fine cut flower	\$0.10	\$0.25	\$2.60
SINUATA WHITE	.10	.25	2.60
SINUATA ROSEA SUPERBA	.10	.25	2.60
BONDUELLI. Golden yellow	.10	.20	2.00
SUWOROWI (Russia or Rottail). Flowers bright rose color	.15	.60	...

STOCKS

Non-branching Column Type

AMERICAN BEAUTY (deep rose)	LIGHT BLUE
PINK No. 11	LIGHT YELLOW
CHAMOIS ROSE	MALMAISON PINK
CRIMSON	ROSE PINK No. 14
DARK BLUE	RUBY
LAVENDER	SILVER LILAC
	WHITE No. 15
Above at: Tr. pkt. \$1.00, 1/4 oz. \$2.25, oz. \$8.00	

GARDENIA. New double white..Tr. pkt. \$1.25, 1/4 oz. \$4.50, oz. \$15.00

Giants of California Branching

BLUE	PINK
CHAMOIS	ROSE
BLOOD RED	WHITE—Santa Maria
LAVENDER	YELLOW

Above at: Tr. pkt. \$0.35; 1/4 oz. \$1.15, oz. \$4.00

Giant Perfection Branching

Tr. pkt. 1/8 oz. Oz.

HEATHAM BEAUTY. Rose shaded terra cotta.....	\$0.25	\$0.35	\$2.20
EMPEROR AUGUSTA VICTORIA. Silvery lilac.....	.25	.35	2.20

Giant Bismarck Branching

ANTIQUE COPPER	GOLD BALL
APPLEBLOSSOM	GOLDEN ROSE
BUTTERCUP	LAVENDER
CHAMOIS	LILAC
DARK BLUE	OLD ROSE
EIK'S PRIDE	ROSE
FIERY BLOOD RED	WHITE
FLESH	

Each, above: Tr. pkt. \$0.35, 1/8 oz. \$0.50, oz. \$3.00

Dwarf Ten Weeks

BLOOD RED	DEEP ROSE
BRIGHT PINK	LAVENDER
CANARY YELLOW	LIGHT BLUE
DARK BLUE	WHITE

Above at: Tr. pkt. \$0.25, 1/4 oz. \$0.50, oz. \$1.80

SWEET PEAS

Standard Varieties

For Early Winter Flowering

AMETHYST. Purple.	JEANNE MAMITSCH. Rose.
ANNIE LAURIE. Rose.	JOSIE. Clear rose.
APOLLO. Salmon.	MAJESTIC ROSE.
BALL'S ROSE IMPROVED.	MICHIGAN BEST LAVENDER.
BLUE BIRD.	MISS CALIFORNIA. Salmon cream pink.
BURPEE'S LAVENDER.	MRS. H. HOOVER. Blue.
BURPEE'S ORANGE.	MRS. KERR. Salmon.
EARLY ATTRACTION. Salmon rose.	SNOWSTORM IMP. White.
FORTY-NINER. Orange	SUNRAY. Cerise.
GIANT ROSE.	TOP HAT. Violet blue.
GLITTERS. Fiery orange.	VALENCIA. Orange.
GRENADIER. Scarlet.	VULCAN. Vivid scarlet.
HARMONY. Lavender.	WHITE HARMONY.
HOPE. Best white.	ZVOLANEK'S ROSE.

Above at: oz. \$0.30; 1/4 lbs. \$1.00; lb. \$3.40.

Spencer Varieties

For Outdoor Planting

AMBITION. Deep lavender.	salmon.
CONSTANCE HINTON. White, black seeded	PINKIE. Large rosy pink.
FLUFFY RUFFLES. Rose shaded.	POWERSCOURT. Lavender.
HAWLMARK PINK. Deep rose pink.	PRINCE OF ORANGE. Deep orange.
HEBE. Bright pink.	ROYAL PURPLE
HERCULES. Rosy pink.	SUNKIST. Cream picotee edged rose.
KING WHITE. Extra large.	WELCOME. Dazzling scarlet.
MISS CALIFORNIA. Orange	YOUTH. White, pink picotee.

Above at: oz. \$0.20, 4 oz., \$0.50, lb. \$1.75.

NEW SPRING-FLOWERING SWEET PEAS

You will get a much heavier crop and longer stems from these new Peas. Plant seed in January for spring and summer flowers.

SPRING-FLOWERING BLUE. Splendid clear marine blue. 1/2 oz.; 1 oz., \$1.00; 1/4 lb., \$3.40.

SPRING-FLOWERING LAVENDER. Fine clear lavender. 1/2 oz., 60c; 1 oz., \$1.00; 1/4 lb., \$3.40.

SPRING-FLOWERING ROSE PINK. Beautiful rose-pink. 1/2 oz., 60c; 1 oz., \$1.00; 1/4 lb., \$3.40.

SPRING-FLOWERING CLEAR PINK. More salmon-pink than the above and larger flowers. 1/2 oz., 85c; 1 oz., \$1.50; 1/4 lb., \$5.00.

SPRING-FLOWERING WHITE. Pure large white. 1/2 oz., 85c; 1 oz., \$1.50; 1/4 lb., \$5.00.

SPRING-FLOWERING MAUVE. Pleasing lilac shade, extra-large flowers. 1/2 oz., 85c; 1 oz., \$1.50; 1/4 lb. \$5.00.

WINTER FLOWERING SWEET PEAS

NOVELTIES FOR 1941

GARDENIA—an easily grown white seeded variety, especially well suited for cut flower production.

TOPS Rose. Produces five and six flowers to the stem! These "fives and sixes" appear in the same proportion as fours do on most of the better varieties. Makes vigorous growth and produces unusually long straight stems.

RHUMBA. A glistening golden cerise, large flowered and deeply duplexed. Its sparkling golden hue increases the intensity and helps carry this self color right to the keel. A heavy producer, throwing husky stems of four well spaced flowers.

SPARKS. A heavy producer of long stout stems, each bearing four flaming blooms. In comparison to sample only Sparks is a much more vivid orange-scarlet, with larger flowers and increased vigor.

All the above: 1 oz. \$1.50, 1/4 lb. \$5.25, 1 lb. \$20.00.

THUNBERGIA

MIXED Tr. pkt. 15c, oz. 60c, lb. \$6.00

TORENIA FOURNIERI

Tr. Pkt. * \$0.25

VERBENA

Hybrids Grandiflora

	Tr. Pkt.	Oz.
BEAUTY OF OXFORD HYBRIDS.....	\$0.35	\$2.00
BLUE, White eye.....	.25	1.60
COCCINEA, Scarlet, white eye.....	.25	1.60
CRIMSON GLOW, Glowing crimson.....	.35	2.40
ETNA, Red, yellow eye.....	.25	1.80
LAVENDER GLORY, Lavender, cream eye.....	.35	2.00
LUMINOSA, Fiery pink shading to salmon.....	.25	1.60
PURE WHITE .....	.25	1.60
ROSEA STELLATA, Rose pink, white eye.....	.25	1.60
ROYAL BOUQUET MIXED .....	.25	2.20
ROYALE, Blue, cream eye.....	.35	2.00
VIOLACEA STELLATA, Violet, white eye.....	.25	1.80
IRWIN'S SPECIAL MIXED .....	.35	2.00

Hybrida Compacta Erecta

CARMINE BALL, Bright carmine.....	\$0.25	\$2.40
FIREBALL, Bright scarlet.....	.25	2.40
WHITE, Pure white.....	.25	2.40

VINCA

	Tr. Pkt.	1/4 Oz.	Oz.
ROSEA. Pink. 1 ft.....	\$0.15	\$0.25	\$0.80
ALBA OCULATA. White with pink eye.....	.15	...	.80
ALBA PURA. Pure white.....	.15	.25	.80
MIXED .....	.15	.25	.60

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

NOVELTY ZINNIAS

	Tr. Pkt.	Oz.
CUPID. Button type dwarf, Irwin's extra mixed.....	\$0.35	\$1.50
EARLY WONDER. Pumila type flowers dwarf, large flowering, mixed .....	.30	1.50
HAAGEANA DOUBLE. Mexican Hybrids. Highly recom- mended—choice mixed .....	.35	1.50
HARMONY TYPE. Scabious flowered, mixed.....	.25	1.50
LINEARIS. Single orange two-tone dwarf.....	.30	1.75

ZINNIAS

California Giants 3-4 ft.

Larger than Colossal. A cross between Colossal and Dahlia-flowered types.

DEEP ROSE	SOFT PINK
CERISE	ORANGE SCARLET
CANARY YELLOW	PURE WHITE
PINK	SALMON
DARK RED	SCARLET
LAVENDER	VIOLET

The above at: Tr. pk. \$0.25, 1/2 oz. \$0.60, oz. \$1.00, lb. \$11.00.

PERENNIAL SEEDS

A short list of enchanting Perennials. Those not listed we will be pleased to supply or quote on. See our Perennial Plant list in general catalog.

ACHILLEA

Some as noted are exceptionally valuable for summer cutting.
 *FILIPENDUL PARKER'S VARIETY (Eupatorium). 225,000 S. 4 ft. Fall flowering. Large golden yellow umbels. Hardy and if allowed to fully open, can be dried. Tr. pkt., 25c.; 1/4 oz., 60c; 1 oz., \$2.25.
 *THE PEARL (Plomico). 175,000 S. 30 in. The standard double white for cutting. Tr. pkt., 25c.; 1/4 oz., 60c; 1 oz., \$2.00.
 TOMENTOSA AUREA. 190,000 S. 6 to 8 in. Finely serrated golden yellow foliage. Tr. pkt., 50c.; 1/8 oz., \$1.25.

ACONITUM

FISCHERI (Monkshood). 9,500 S. 3 ft. Deep blue flowers in dense spikes. Sow seed outdoors in the fall and allow to stand over winter for good germination. Tr. pkt., 25c.; 1/4 oz., 50c; 1 oz., \$1.75.

ALYSSUM

Fine, free flowering rock garden or border plants.
 *SAXATILE COMPACTUM. 40,000 S. 12 in. Flowers early May. Rich golden yellow. Tr. pkt., 15c.; 1/4 oz., 25c; 1 oz., 85c.
 SAXATILE SILVER QUEEN (Citrinum). Some as above but a light lemon yellow. Tr. pkt., 25c.; 1/4 oz., 60c; 1 oz., \$2.00.

ANCHUSA

*BARRELLIERI. 5,500 S. 15 in. Very fine Forget-me-not blue rock garden plant. Flowers middle to end of May. Improves Myosotisfloro in more vigorous growth and freer flowering. Tr. pkt., 25c.; 1/4 oz., 50c; 1 oz., \$1.75.
 MYOSOTIDIFLORA. 10,500 S. 12 in. May flowering. Forget-me-not blue. Tr. pkt., 50c.; 1/4 oz., \$1.40; 1 oz., \$5.00.

ITALICA. 1,100 S. Dropmore Strain. 6 ft. Nice blue for cutting. Tr. pkt., 15c.; 1 oz., 50c.
 Grandiflora Picotee. Same as above but attractively striped white. Tr. pkt., 25c.; 1/4 oz., 60c; 1 oz., \$2.00.

ANTHEMIS

KELWAYI (Hairy Marguerite). 85,000 S. 3 ft. Yellow Daisy flowers produced throughout summer. Tr. pkt., 15c.; 1 oz., 50c.

AQUILEGIA (Columbine)

*MRS. SCOTT ELLIOTT'S HYBRIDS. The popular long-spurred mixture. Tr. pkt., 35c.; 1/4 oz., 85c; 1 oz., \$3.15.
 Mixture of all colors in this long-spurred class. Tr. pkt., 25c.; 1/4 oz., 50c; 1 oz., \$1.90.

ZINNIAS—Continued

Dahlia-Flowered 2 1/2-3 ft.

ATTRACTION. Bright red.	OLD GOLD. Burnished shades.
BUTTERCUP. Yellow.	OLD ROSE.
CANARY BIRD. Primrose.	ORIOLE. Orange and gold.
CRIMSON MONARCH. Best red.	METEOR. Darkest red.
DREAM. Deep lavender.	SCARLET FLAME. Bright scarlet.
EXQUISITE. Light rose.	POLAR BEAR. White.
GOLDEN DAWN. Golden yellow.	PURPLE PRINCE.
GOLDEN STATE. Rich orange.	LUMINOSA. Deep pink.
ILLUMINATION. Deep rose.	MIXED.

The above at: Tr. pk. \$0.25, 1/2 oz. \$0.60, oz. \$1.00, lb. \$12.00.

Lilliput 1 1/2-2 ft.

CANARY YELLOW	PURPLE
CRIMSON	ROSE BUD
PINK GEM	SAFON ROSE
GOLDEN ORANGE	SCARLET GEM
ORANGE	VALENCIA (Burnt Orange)
PASTEL. Shades mixed	WHITE GEM

Above at: Tr. pk. \$0.15, oz. \$0.80, lb. \$8.00.

ARMERIA

MARITIMA (Stotice Armerio). 17,500 S. 12 in. Lilac-rose. Tr. pkt., 35c.; 1/4 oz., 90c; 1 oz., \$3.25.

ASPARAGUS

VERTICILLATUS. 600 S. A valuable completely hardy source of summer green material. 2 or 3 years from seed are required for large producing plants. Tr. pkt., 25c.; 1/4 oz., 55c; 1 oz., \$1.85. For Asparagus Sprengeri and Plumosus, see page 2.

ASTER (Hardy)

Very nice material for rock garden work as well as being tall and large enough for cutting. Very hardy and June flowering.

*WARTBURG STAR (Subcoeruleus). 15,000 S. 18 in. Some lighter than following, larger, and longer stemmed. Tr. pkt., 50c.; 1/4 oz., \$1.50.

DARK BEAUTY (Alpina). 26,000 S. 12 in. Single deep blue. Tr. pkt., only, 50c.

NOVI-BELGI. 90,000 S. New Hybrids. Fall flowering. Tr. pkt., 50c.; 1/4 oz., \$1.25; 1 oz., \$4.00.

BAPTISIA

AUSTRALIS (False Indigo). 1,700 S. Sprays of pea-shaped indigo-blue flowers. 3 ft. Tr. pkt., 15c.; 1 oz., 45c.

BOLTONIA

LATISQUAMA. 95,000 S. 4 to 5 ft. Delicate pink. Tr. pkt., 25c.; 1/4 oz., 60c; 1 oz., \$2.00.

CAMPANULA

CARPATICA. 350,000 S. 12 in. Dwarf perennial. White.

*Hybrid Mixture. A new strain containing many new colors in this dwarf class. Each: Tr. pkt., 15c.; 1/4 oz., 25c; 1 oz., 85c.

MEDIUM CALYCANTHEMA (Cup-and-Saucer type). 120,000 S. 3 ft. Biennial.

Dark Blue	Light Blue	White	Rose
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Each: Tr. pkt., 20c.; 1/4 oz., 40c; 1 oz., \$1.45.

Mixture. Tr. pkt., 15c.; 1/4 oz., 35c; 1 oz., \$1.25.

MEDIUM SINGLE (Conterbury Bells). 135,000 S. 3 ft. Biennial, flowering second season from seed.

Blue	Lilac	Rose	White
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Each: Tr. pkt., 15c.; 1 oz., 40c.

PERENNIAL SEEDS

CARNATION

GRENADIN (Hardy Carnation).

14,000 S. 20 in. Good for cutting but needs winter protection.

Golden Sun. Tr. pkt., 35c; 1/4 oz., 90c; 1 oz., \$3.25.

Pink. Tr. pkt., 35c; 1/4 oz., 70c; 1 oz., \$2.50.

Red. Tr. pkt., 30c; 1/4 oz., 60c; 1 oz., \$2.25.

White. Tr. pkt., 25c; 1/4 oz., 60c; 1 oz., \$2.00.

Mixture. Tr. pkt., 25c; 1/4 oz., 50c; 1 oz., \$1.75.

CATANANCHE

COERULEA. 16,000 S. 30 in. Everlasting light lavender-blue Centaurea-like flowers produced freely first year from seed. Tr. pkt., 25c; 1/4 oz., 40c; 1 oz., \$1.25.

CENTAUREA

MONTANA. 1,600 S. 24 in. Large Cornflower-blue flowers. Tr. pkt., 15c; 1 oz., 50c.

CHEIRANTHUS (Wallflower)

19,000 S. 18 in.

GOLDEN BEDDER. Large deep golden yellow. Tr. pkt., 15c; 1/4 oz., 25c; 1 oz., 75c.

ALLIONI (Siberian Wallflower). Free flowering brilliant orange. Tr. pkt., 10c; 1 oz., 30c.

COREOPSIS

GRANDIFLORA. 11,000 S. The two varieties listed are of the new large flowered class. Fine material for summer cutting.

SUNBURST (New Gold). A fine semi-double strain. Tr. pkt., 20c; 1/4 oz., 35c; 1 oz., 90c.

MAYFIELD GIANT. Extra large deep golden yellow. Single. Tr. pkt., 15c; 1/4 oz., 25c; 1 oz., 65c.

DIANTHUS

NEWPORT PINK (Pink Beauty). A particularly deep rich salmon-rose shade. Very attractive rich pastel. Tr. pkt., 15c; 1 oz., 50c. Single Mixture of all colors in this class. Tr. pkt., 15c; 1 oz., 50c. Double Mixture. Tr. pkt., 15c; 1 oz., 60c.

MIDGET. Very fine neat alpine and rock plant. 6 to 8 in. with dense heads of Sweet William flowers. Tr. pkt., 35c; 1/4 oz., 85c; 1 oz., \$3.00.

DICTAMNUS

FRAXINELLA (Gas Plant). 1,700 S. 30 in. Pink with dark veins. Good border plant. Sow seed in the fall and allow to stand outdoors over winter for good germination. Tr. pkt., 25c; 1/4 oz., 40c; 1 oz., \$1.35.

DIELYTRA (Dicentra)

SPECTABILIS (Bleeding Heart). 1,600 S. 32 in. Sow seed in fall and allow to stand outdoors over winter for good germination. Flowers second season from seed. Tr. pkt., 50c; 1/4 oz., \$3.00; 1 oz., \$10.00.

DIGITALIS

GLOXINIOIDES (Foxglove). 180,000 S. 4 ft.
Purple Rose White Giant Shirley Mixture
Each: Tr. pkt., 15c; 1 oz., 50c.

EREMURUS

SPECIES MIXED. Tall stately flower spikes 4-8 ft. in shades of pink and white. Hardy in north if in a well drained location and with protection. Tr. pkt., 35c; 1/4 oz., 75c; 1 oz., \$2.75.

EUPHORBIA

COROLLATA (Wild Baby's Breath). 8,700 S. 24 in. Large Gypsophila-like pure white flowers. Thrives on very poor soil. Tr. pkt. only, 35c.

POLYCHROMA. 15-20 in. Very compact symmetrical plant producing brilliant yellow bracts of leaves at tip of branches middle of May. Perfectly hardy with us. Tr. pkt., 50c; 1/8 oz., \$1.00.

MYRSINITES. Attractive succulent-like silvery green growth; semi-prostrate in habit. Each branch produces a brilliant yellow bract of leaves in May. Perfectly hardy and vigorous growing with us. 6-8 in. tall. Tr. pkt., 25c; 1/4 oz., 60c; 1 oz., \$2.00.

* Most popular varieties.

GAILLARDIA

DAZZLER. The standard fine cutting strain. Tr. pkt., 25c; 1/4 oz., 40c; 1 oz., \$1.50.

PORTOLA HYBRIDS MIXED. Standard hybrid mixture. Tr. pkt., 25c; 1/4 oz., 45c; 1 oz., \$1.45.

GEUM

7,000 S. 24 in. Fine for cutting or garden decoration.

LADY STRATHEDEN. Double golden yellow.

Tr. pkt., 25c; 1/4 oz., 50c; 1 oz., \$1.65.

MRS. BRADSHAW. Double glowing red.

Tr. pkt., 25c; 1/4 oz., 50c; 1 oz., \$1.75.

BORISII. 12 to 15 in. (true stock). A very attractive early May flowering species. Brilliant single orange-scarlet flowers. Perfectly hardy border or rock garden subject.

Tr. pkt., 50c; 1/4 oz., \$1.25; 1 oz., \$4.25.

GYPSOPHILA

34,000 S. A planting of several varieties of hardy Gyp is interesting and valuable for outdoor summer cutting.

PACIFICA. 42 in. Flower size of Paris Market annual with an attractive shade of bright pink. Nice.

Tr. pkt., 25c; 1/4 oz., 75c; 1 oz., \$2.50.

OLDHAMIANA. 30 in. Very fine dense heads of feathery light rose-pink flowers. Flowers first season from an early sowing. October flowering—watch frost dates.

Tr. pkt., 25c; 1/4 oz., 60c; 1 oz., \$1.85.

HOLLYHOCK

IMPERATOR. 2,700 S. Choice double fringed mixture.

Tr. pkt., 25c; 1/4 oz., 50c; 1 oz., \$1.60.

ALLEGHENY MIXED. 2,700 S. Single and semi-double types. Tr. pkt., 15c; 1 oz., 50c.

CHATER'S DOUBLE. 3,100 S. The standard double Hollyhock strain.

Chomois	Newport Pink
Deep Rose	Scarlet
Lilac Beauty	Sulphur Yellow
Mixture of all colors	White
Each: Tr. pkt., 25c; 1/4 oz., 40c; 1 oz., \$1.25.	

LIATRIS (Blazing Star)

9,500 S. Excellent cut flowers, long decorative, bold spikes. Used very effectively in basket arrangements.

PYCNOSTACHYA. Extra long-stemmed—3 to 5 ft. with long—5 to 18 in.—rosy purple flower spikes. Finest cut flower kind.

Tr. pkt., 25c; 1/4 oz., 60c; 1 oz., \$2.25.

SPICATA. Not quite so long-stemmed or with as long flower spikes as above. Prefers a damp low location. Rosy purple.

Tr. pkt., 25c; 1/4 oz., 75c; 1 oz., \$2.50.

PRIMULA

VULGARIS (True Yellow English Primrose). 19,000 S. 6 in. For good germination in spring, sow seed in the fall and allow to stand outdoors over winter. Tr. pkt., 35c; 1/4 oz., 80c; 1 oz., \$2.85.

BULLEESIANA HYBRIDS. 130,000 S. 18 in. Bright mixture of colors. Considerable care required to germinate this fine seed.

Tr. pkt., 50c; 1/8 oz., \$1.15.

VERIS. 33,000 S. For bedding work in shady, cool locations and also for spring pot plants from summer or early Fall sowings.

COLOSSEA. A real improvement in flower size, bright colors, and strong growth. Tr. pkt., 75c.

KLEYNII. A particularly valuable hardy Primula because of extra long stems and large flower heads. Easily forced in spring for pot plant work. 100 seeds, 40c.

GIANT MUNSTEAD STRAIN. The standard strain for bedding. Not so tall as above; in shades of yellow. Tr. pkt., 50c; 1/4 oz., \$1.00.

POLYANTHUS MIXTURE. Unwin's Strain. 12 in.

Tr. pkt., 25c; 1/4 oz., 60c; 1 oz., \$2.15.

PYRETHRUM

JAMES KELWAY. Fine dark red cut flower variety.

Tr. pkt., 35c; 1/4 oz., 85c; 1 oz., \$2.85.

ROBINSON'S HYBRIDS. Large single mixture.

Tr. pkt., 35c; 1/4 oz., 75c; 1 oz., \$3.00.

VEGETABLE SEEDS

A short list of Vegetables for growing in pots, plots and fromes.

ALL OTHER VARIETIES AT MARKET PRICES

CABBAGE

Extra Early Varieties

- GREEN ACRE.** New. Oz., 65c; $\frac{1}{4}$ lb., \$2.00; lb., \$7.00.
COPENHAGEN MARKET. Remarkably uniform, solid, round heads.
Oz., 30c; $\frac{1}{4}$ lb., 85c; lb., \$3.00.
GOLDEN ACRE. Choice quality and first in the market.
Oz., 40c; $\frac{1}{4}$ lb., \$1.10; lb., \$4.00.
EARLY JERSEY WAKEFIELD. A leading early variety.
Oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.50.
SMALL EXTRA-EARLY JERSEY WAKEFIELD. Smaller and more pointed.
Oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.50.

Second Early Varieties

- CHARLESTON OR LARGE WAKEFIELD.** Large heads eight or ten days later than Jersey Wakefield. Oz., 30c; $\frac{1}{4}$ lb., 85c; lb., \$3.00.
GLORY OF ENKHUIZEN. A large, round, short stem variety.
Oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.50.

Late Varieties

- DANISH BALLHEAD.** Oz., 30c; $\frac{1}{4}$ lb., 85c; lb., \$3.00.
PENN STATE BALLHEAD. A short stem variety; extra heavy cropping qualities. Oz., 45c; $\frac{1}{4}$ lb., \$1.50; lb., \$5.00.
SELECTED LATE FLAT DUTCH. Large and flat.
Oz., 30c; $\frac{1}{4}$ lb., 85c; lb., \$3.00.

Yellow-Resistant Cabbage

- DISEASE RESISTANT GOLDEN ACRE.** Recommended to those growers who are in infected regions. Super quality. Oz., 50c; $\frac{1}{4}$ lb., \$1.50; lb., \$5.50.

CAULIFLOWER

- DRY WEATHER.** Will grow well in spite of the lack of moisture required by other sorts. A little later than Snowball.
Oz., \$1.50; $\frac{1}{4}$ lb., \$5.50; lb., \$20.00.
CATSKILL SNOWBALL. Excellent variety for extended cutting over a period of from 12 to 18 days. Oz., \$1.50; $\frac{1}{4}$ lb., \$5.50; lb., \$20.00.
SNOWDRIFT—New. Great depth, weight, and unexcelled white color. Oz., \$2.50; $\frac{1}{4}$ lb., \$7.50; lb., \$28.00.
SNOWSTORM SUPER-STRAIN. Fine, large, pure white heads. Good for either early or late crop. Oz., \$2.00; $\frac{1}{4}$ lb., \$7.00; lb., \$25.00.
WEITCH'S AUTUMN GIANT. Finest late.
Oz., 50c; $\frac{1}{4}$ lb., \$1.50; lb., \$5.00.

CELERY

- CRISPHEART.** A new, high quality, early green celery with broad thick stalks 9 to 10 inches to the leaf branches. Oz., \$1.00; $\frac{1}{4}$ lb., \$3.50; lb., \$12.00.
EASY BLANCHING. Useful both for early and late use.
Oz., 50c; $\frac{1}{4}$ lb., \$1.50; lb., \$5.00.
EMPEROR. A splendid dwarf type, 16 to 18 inches tall.
Oz., 40c; $\frac{1}{4}$ lb., \$1.10; 1 lb., \$4.00.
GOLDEN PLUME, NON BOLTING. Dwarf compact growth.
Oz., \$1.00; $\frac{1}{4}$ lb., \$3.50; lb., \$12.00.
GOLDEN SELF-BLANCHING. Solid stalks of fine flavor.
Oz., 50c; $\frac{1}{4}$ lb., \$1.50; lb., \$5.00.
GIANT PASCAL. Very compact and probably the best winter variety. Oz., 30c; $\frac{1}{4}$ lb., 85c; lb., \$3.00.
PASCAL, UTAH OR GOLDEN CRISP. About a week or ten days earlier than Giant Pascal. Oz., 75c; $\frac{1}{4}$ lb., \$2.25; lb., \$8.00.
PERFECTED WHITE PLUME. Ahead of all other varieties. Very fine for early market. Oz., 30c; $\frac{1}{4}$ lb., 85c; lb., \$3.00.
Oz., 30c; $\frac{1}{4}$ lb., 85c; lb., \$3.00.
WINTER QUEEN. Excellent winter-keeping qualities.
Oz., 30c; $\frac{1}{4}$ lb., 85c; lb., \$3.00.

EGG PLANT

- EARLY BLACK BEAUTY.** Large, dark purple fruits.
Oz., 45c; $\frac{1}{4}$ lb., \$1.25; lb., \$4.50.
EARLY LONG PURPLE. Fine uniform early stock.
Oz., 45c; $\frac{1}{4}$ lb., \$1.25; lb., \$4.50.

LETTUCE

Loose-Leaf Varieties

- BLACK-SEEDED SIMPSON.** Light yellowish-green.
Oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25; 5 lbs., \$5.50.
GRAND RAPIDS FORCING. Largely grown in greenhouses.
Oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25; 5 lbs., \$5.50.
BIG BOSTON. Large light green.
Oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25; 5 lbs., \$5.50.
WHITE BOSTON, OR UNRIVALED. Resembles Big Boston in form but of slightly lighter color.
Oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.75; 5 lbs., \$8.50.

PEPPERS

- CALIFORNIA WONDER, IRWIN'S SPECIAL STRAIN.** Very large, smooth fruits. $\frac{1}{2}$ oz., 30c; oz., 50c; $\frac{1}{4}$ lb., \$1.65; lb., \$6.00.
NORTHERN KING. A special selection from Ruby King, being larger and a few days earlier. Oz., 60c; $\frac{1}{4}$ lb., \$1.65; lb., \$6.00.
PIMENTO. Heart shaped, thick fleshed, smooth fruits.
 $\frac{1}{2}$ oz., 20c; oz., 30c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.
RUBY KING. A well-known medium early.
 $\frac{1}{2}$ oz., 20c; oz., 30c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

TOMATOES

- BREAK O'DAY.** 14 days earlier than Morglabe with round, smooth, solid, scarlet fruits. Oz., 35c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.
COMET (FORCING). Far hothouse forcing. Rich scarlet.
 $\frac{1}{2}$ oz., 25c; oz., 45c; $\frac{1}{4}$ lb., \$1.25; lb., \$4.50.
EARLIANA. Extremely early medium-sized fruits.
Oz., 30c; $\frac{1}{4}$ lb., 85c; lb., \$3.00.
JOHN BAER. Similar to Chalk's jewel but earlier.
Oz., 30c; $\frac{1}{4}$ lb., 85c; lb., \$3.00.
PRITCHARD (Scarlet Topper). Large, smooth globular fruits produced early. Oz., 40c; $\frac{1}{4}$ lb., \$1.50; lb., \$5.00.
MARGLOBE. Widely grown producing large, smooth, meaty, globular, red fruits. Oz., 60c; $\frac{1}{4}$ lb., \$1.75; lb., \$6.00.
OXHEART. Pink, very large, heart shape, remarkably solid.
Oz., 60c; $\frac{1}{4}$ lb., \$2.00; lb., \$6.50.
RONDEROSA. Very large, purplish-pink, solid fruits.
Oz., 50c; $\frac{1}{4}$ lb., \$1.50; lb., \$5.00.
MONTEREY GOLDEN. Similar in every respect to Ponderosa except in color. Oz., 50c; $\frac{1}{4}$ lb., \$1.50; lb., \$5.50.
CRIMSON CUSHION or BEEFSTEAK. Very large crimson fruits.
Oz., 45c; $\frac{1}{4}$ lb., \$1.25; lb., \$4.50.
GREATER BALTIMORE. Heavy, solid, cardinal red fruits.
Oz., 30c; $\frac{1}{4}$ lb., 85c; lb., \$3.00.

GRASS SEEDS

The very best mixtures for beautiful lawns.

BESTLAWN

	Per Lb.
5 to 10 lb. lots	\$0.40
25 lbs. ....	.48
50 lbs. ....	.35
100 lbs. ....	.34

SHADY SPOT

	Per Lb.
5 lbs. to 10 lbs.	\$0.50
25 lbs. ....	.45
50 lbs. ....	.40
100 lbs. ....	.39

WHITE CLOVER

	Per Lb.
1 to 5 lbs.	\$1.00
10 lbs. ....	.90

PRICES SUBJECT TO CHANGE WITHOUT NOTICE